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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:119	Late	LPZ-045	AGGTGACCGTGGGGGATGGGGCCGTGGGGAAGACTTGTATGCTCATCTCCTACAC AAGCAACACGTTTCCAACGGATTACGTGCCGACTGTTTTTGACAATTTTAGTGCAAA TGTGGTTGTTGATGGCAATACAGTAAACCTTGGCTTGTGGGACACTGCAGGGCAA GAAGATTACAACAGACTGAGGCCATTGAGTTATAGAGGTGCAGATGCTTTTCTGCT TGCCTTTTCTCTGATCAGCAAGGCTAGTTATGAAAATATATCAAAGAAGTGGATTCC AGAACTTAGACATTATGCACCAAATGTGCCAATCATTCTTGTGGGAACTAAATTAGA TTTGCGTGATGACAAGCAGTTCTTTGCTGATCATCCTGGAGCAGCCCCTATAACAA CAGCTCAAGGTGAAGAGTTGAAGAAGCAGATTGGAGCAGCAGCATATATTGAGTG CAGTTCCAAAACCCAGCAGAATGTCAAGGCTGTTTTTGATGCTGCAATTAAAGTGG TTCTTCAGCCACCAAAGCAGAAAAAGCGGAGAAAAAAGCAGAAAAATTGTTCTATTC TCTAAGAAAAATGTGGATGTTCTGAACGCNCTTCACTGACAATAANGNTGACGTNG GAATATCTTCCTCC
SEQ ID NO:120	Late	LPZ-047	AGGTGACCGTAAGCACAAGTCGTCAAAATTATCTCTATTCCGGCAGTAAAAACCTAT AGCTAATGATGGATCAATACCACTAAGTGGCAGCTGGCGTACATCTCTGCAATGAT AAGAACCAGTATCAGTCCCCATATAATCAGGAGATATCTCCAGCACCTGCTGCACT ACATGTGGATCTTAGTACAGAGCCTGATCATCCTGAACACCAACAATATACGTTGAA GCTCCGGGCTTTCCACCAGCAATACCAAGACTTTGGGGAAATGTGAACGTTTCACG AAGTGATGGTACATACCTTGGGTTGATCTTCTCTACACCAAGAACAAGCGGCACCA AAATCAGGATAGGCACTTGGTCTTCCCCTTCTCCATTGGACCACTCTGAACACAAG CCTCGCAGCATCATCAATGCAGATAACTGGGCGCCCTCCACGGTCACTT
SEQ ID NO:121	Late	LPZ-049	AGGTGACCGTGCCATAGCGCATGGCGTGTAACTGGATGAGACCGCATGGCTCAAA TCTGCTAGGAATCAACATGAAATCAGCTCCAGCTGTTATCATATGAGCAAGTGGCA CGTTAAACTTTGCTACTCCCCTGACGTTGTCTGGATATTTCTCTTCAAGCTCTTCAA GCTGCTTCTCCAAGTACTTTTTACCGGTGCCTAGGATAATTAACTGCACGTTTTCAT CTGCAATTAGAGGGACAGCTTCAGCAAGAATATCTGGACCTTTCTGCTCTTCAAGT CTTCCAATAAATCCTATAACAGGAATATCTGGATCCACGGTCACCT
SEQ ID NO:122	Early	LPZ-051	ATGTGACCGTCAAAAGGGCATATAAATCGGGGAGCTCAATGGCAAGAATGTACGAT TTCTGGCCTCAAGTCGCCCTGAATTTGGTCAACAACATCTTGATAGAGCGAGAGGA CGCTCCCAATTAAGATCTGGAAACTGTCGAGAGTGATTGAGGTCATTTTTAATCTAA ACTGAATTGTGGGGACAATTTTTCAATTCAGATCCTTCTAGCAAAGCAAAGCAAAGC TTAACAGTATTGTATCCATGAGAATGGATTCTGCACAGGTCAGGCTCCACGGTCAC CT
SEQ ID NO:123	All	LPZ-053	AGGTGACCGTGGAGAAGAGAACGCTTTGCCGACTCTCTGGGATGCCCTTCCCTCC ATAGCCGTCGTGGGAGGACAGAGCTCCGGGAAATCCTCTGTGCTGGAGAGCATCG TTGGAAGGGATTTTTTACCGCGTGGATCAGGTATTGTTACTAGACGGCCGCTTGTC CTTCAACTTCACAAGACTGATGAAGGCAGCAGGGATTACGCCGAATTCCTTCACCA ACCCAGAAAGAAATACACCGACTTTGCACTGGTAAGGAAGGAAATTGCGGATGAGA CTGATCGAATTACAGGGCGTTCCAAGCAAGTCTCAAGTGTCCCAATTCACCTTAGT ATTTATTCACCCAATGTTTGTAAATTTGACTCTAATTGATCTCCCTGGGTTGACAAAA GTGGCTATTGACGGTCACCT
SEQ ID NO:124	Middle	LPZ-054	AGGTGACCGTGCAATATTGTATTCCAGGACCAAGTACTTAGGACAGAATCAGGTTA CGAGTGGCTCCACTCCACAATACGATGTTCATCGTTTTGATCACAATACAGGTTTGT TAGTCCAAGTAGGTGCGCTGCTGCAGACAGTGGGGCAGCCCTCGTGGGCTTGGA CTGCCTGTCATACTGTTCTCTCCTTGCTTCAGGCTCTACTGCTGTTGCTGCTGCTG ATACGGTCACCT

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO·125	Middle	LPZ-055	AGGTGACCGTACATACAAGGTCTTATCACCAGCAGCAAGAATAATCAGTTGGCCAT CTTCTGCAGGCTTCTTGCTGCCTGAGACAGGAGCCTCAAGAAATCTTCCCCCCTTTT TCAATGATTGCCTCATTGATCTTTGTTGAAGTGATAGTATCAACTGTTGACATGTCA ATGTATCCTTTTCCTGTACACATTTGCTCTAGGACACCATCCGAGAGGGCAGCAGG AGGATCAGACAGGATGGCTATGGTATAGTTGCACTTCTTTACAACTTCGGCAGGAG TGCTTCCTATGGAAGCACCTTGCTGAACAAGTTCTTCACACCTAGACATTGTCCTAT TCCACACGGTCACCT
SEQ ID NO:126	Late	LPZ-056	GGTGACCGTACATACAAGGTCTTATCACCAGCAGCAAGAATAATCAGTTGGCCATC TTCTGCAGGCTTCTGGCTGCCTGAGACAGGAGCCTCATGAAATCTTCCCCCCTTTT CAATGATTGCCTCATTGATCTTTGTTGAAATGATAATATCAACTGTTGACATGTCAAT GTATCCTTTGTCCTGTACACATTTGCTCTAGGACACCATCCGAGAGGGCAGCAGGA GGATCAGACAGGATGGCTATGGTATAGTCGCACTTCTTTACAACTTCGGCAGGAGT GCTTCCTATGGAAGCACCTTGCTGAACAAAGTTCTTCACACCTAGACATTTGTCCTA TTCCGCACGGTCACCT
SEQ ID NO.127	Late	LPZ-057	AGGTGACCGTGGAGGGGCTCCAGTTATCTGCATTGATGATGCTGCGAGGCTGTGT TCAGAGTGGTCCAATGGAGAAGGGGAAGACCAAGTGCCTATCCTGATTTTGGTGC CGCTTGTTCTTGGTGTAGAGAAGATCAACCCAAGGTATGTACCATCACTTCGTGAA ACGTTCACATTTCCCCAAAGTCTTGGTATTGCTGGTGGAAAGCCTGGAGCTTCAAC GTATATTGTTGGTGTTCAGGATGATCAGGCTCTGTACTTAGATCCACATGTAGTGC AGCAGGTGGTGGAGATATCTCCTGATAATATGGGGGGTTGATACTGGTTCTTATCAT TGCAGTGATGTTCGCCACTGCCACTTAATGCTATTGATCCATCATTAGCTATAGGTT TTTACTGCCCGGAATAGAAATAATTTTGACAACTTGTGCTTACGGCACCT
SEQ ID NO 128	Late	LPZ-058	AGGTGACCGTGGAGGGGCTCCAGTTATCTGCATTGATGATGCTGCGAGGCTGTGT TCAGAGTGGTCCAATGGAGAAGGGGAAGACCAAGTGCCTATCCTGATTTTGGTGC CGCTTGTTCTTGGTGTAGAGAAGATCAACCCAAGGTATGTACCATCACTTCGTGAA ACGTTCACATTTCCCCAAAGTCTTGGTATTGCTGGTGGAAAGCCTGGAGCTTCAAC GTATATTGTTGGTGTTCAGGATGATCAGGCTCTGTACTTAGATCCACATGTAGTGC AGCAGGTGGTGGAGATATCTCCTGATAATATGGGGGGTTGATACTGGTTCTTATCAT TGCAGTGATGTACCCACTGCCACTTAGTGCTATTGATCCATCATTAGCTATAGGTTT TACTGCCGGAATAGAAAAATTTTGACAACTTGTGCTTACGGTCCCT
SEQ ID NO:129	Late	LPZ-059	AGGTGACCGTGCTAGGACACACAATTTCTCAGCAAGGATTACAGGTGGATCCTAAC AAAATTGCTATAATTCAAAAGGTTCCACCTCCTTAAAAGGTAAGAGATGTTTGGAGT TTTCTAGGCTTGGCAGGATATTATAGAAGATTCATCAAAGATTTCATTAAGCTAGCC TCGCCATTGTCTAGCCTCTTAGGGAAAGATGTTGAGTTTCAATGGACTGATGACTG CCAAGGGGCTCTGGATGAGTTGAGAGATAAGCTGGTATCCGCCCCGATCTTGAGA GGTCTAAACTGGGCCCTACCTTTCCACATCCACATTGATGCCTCGAACAAAGCCAT AGGGGCAGCCTTAGGACAAGTTGAAGAGAAAATACCATATGCCATATACTTTGTCA GCAAAAATCTGTCTAAGGCAGAACTGAACTATACGGTCACT
SEQ ID NO:130	Late	LPZ-060	AGGTGACCGTCATATTCCCCTCTATAGCAGCACTAACAATCCATTTTCTGAGTGCAT CAGAAAATCAACACACGGTAAATGTCTTGAGACTAACGAGAAATTAATAATCACGTT GTACAAAGAACAGTATGTCCCGTCACGTCACGAGTGCCCTGAGAGATCATCCAACT TTCTCTGAACCCTCGTGTTACACGCACGCAAAATCAAGGATCAGTTGTAGTTATTGC TGGCGTGACAGACGTGACACCTACTGTTCCGCTACAAACGATATAATTGAATCCAT GATCGGATTATGTATTATGATCTTAGCGCAGTGGTTATGAAATTATGATGAATTTGC TTATGATTTTCTCAGCGTTTGTGGAAGAATCTCGCTATTGAAAACTTCCCCGTATAT TTCCAAACTTATTATCATCCCACGGTCCCT

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:131	Late	LPZ-061	AGGTGACCGTACAGCATTTATTGATGTTCTATTTTGTTGTTTGCAAGTTTTTCCGATT CGCTGTGAGGCACGGAAAACGAGATAAGTTGTAAAAGTTTGCTCGCTGATTTGAGG CACGGAAAACGAGATAAGTTGTAAAATTTTGCTCGCTGATTTTTTGCTGAATATTTC TCTCACTATAAAAAGCATTTTCCAGAAATAAGAAGGAGCTTTCGAACTGGTTTTCCC CAAGAGTTGTAGGGGGTTTTTCCACGGTCACCT
SEQ ID NO:132	Late	LPZ-062	AGGTGACCGTATTTATGGTCGCAGGCACAAATTCTGCTACTGTAGAAGGGTTCTTA CCAACTTTAGGTAGAAGGCGAGGAGGGCTTTATTAGTACAGTTCTGTGTAATCTTA ATGATATTTTTTGCACTATTATTTTATGGTAAAAGGATTGATTTGTCTTTTGCAAAGG CCTTAGGATTGTTTATTTACCTTTGGGCTAAGGGAGGAGGTAAATTTTTCACATTGG GAAAAAAAATGCCTCGGTCGTTGTCACGGTCACCT
SEQ ID NO:133	Late	LPZ-063	AGGTGACCGTGCCAGTATGACAGATGGAACCATGCAGCTAGCCACCAAATTGTAAA CATCAAATTTTGTCTTCAATATAAGTTGCAAATTCTTAATTAATTATGATCACCATTTC AACGGTCACCT
SEQ ID NO:134	Middle	LPZ-065	AGGTGACCGTGAATAGAAGCGAACACATCCTTGTTGCTGAATCTAACGACCAATCG GTATTTGGGTGTGTTGTACTTGTTCTTATCTTGGTTAATCAGGCGGATCCTTGCCCT GTAATCGGTCTTCCCCTCTCTCCTGCGCTTGAATTTGACCTGAAACCTCTTGAAGTA GGCCCTGGTTTTCTGGGCTTTGACGAAAACCATGGTTGTGGATCTCCTCTCTCCTG CTACGGTCACCT
SEQ ID NO:135	Middle	LPZ-066	AGGTGACCGTGGTAGAGGAGGCAGGCACTCATCTAACAGTCGAAAGCCCTTTACA AAGGGGAATGGTACCAGCATAGAGAAGAAACACAGACGGTTTGAAGAGGATGATG GATCTGCCATAGATGAACGATCAAATAAGGTTCAAAAGCTGGAAAATGATGGTGAA TTCCATGCATCCCACTTGGCTCTGTCCCTCAAGTTGAATATACCTGGACGAGAGGT ATTGCATTTCCCAACGGTCACCT
SEQ ID NO:136	Middle	LPZ-067	AGGTGACCGTACTGATAATAGAAGAGGCAGGGAAAGAGAAATCAATGATAATAGAA GAGGCAGGGAAAGGGAGATCAATGGCATCATGCTACTTCTTGTAGCTGTTTAACCT TAGTGATGTAATCTTCCATGGCAGACTCGGGGGGTTTTATCTTTAAGTTGAATTTCCA TGCATCCCCTTGGGCTCTGTCCTCCAGTTGAATATCCTGGAACAAGAGGTTTTGCT TTCCACGGTCCCCT
SEQ ID NO:137	Late	LPZ-069	AGGTGACCGTGAGAAGGCAACTTTATCCCCTGCTAAACCAAGTCCAGAAATGAGGA AAATATGTGAAAACTGAATTGCTATATATGATGCCTAGTCTTGGCCTCTCAATTACA AGTTCAACGTCTTCAAATGATTGAAATATGGACCTTCTTAACCGTTCTGGAAATCTA TCAATCTTCAAAATTTTGAAACTTTGCCTCGATCTTGGAGTGATCAGACTTGATTTCT AATCCTAGAAATACCCTATCACTGGCTACCTGGTCTGTACGGTCACCT
SEQ ID NO:138	Late	LPZ-070	GGTGACCGTGGGATAGGCAGAAGCAAGAAACACAGAAGTTCTTCCGGGAATGTAA GCGCTGACAGTGGGGGAGAAAGTAGTGAACAAGGACATGGTCGGTATGAAATACA TGGCAGGCGATGGATTTCAAGGGATTAAGCATCTCAATGGATATTTACTATTGGAC TGTAGTAACTTTCGCCATCGCTTTTTGAACACATCTGTGGCTTAACTGTCATCTGTA ATGGTAAGCGAACCAGGTTTTGTTCTGAACCACTTGTATGTACGGTCACCT
SEQ ID NO:139	Late	LPZ-071	AGGTGACCGTGGTGGAGCGATTAGTGATTGTGATAAAGGGAGCATCAATATCTATG TAGACGCCGTATAAAGGTGGAAAAGGTATGTTTTGCAGGTATTTCTTTGTAAATGGT TTATAATGGGTTAAGCTCGGATATATGAGGTTTATATATAAGTCCTGTTAGTGTCAG TCTTACCAGCCTTCCTCCAGTGATCAAATGTGCTCTAACAAAGTGATTTTGAAGTGT CAAGGTCAAATTATGTCATTTCAGTGAGTCTTCAAACAAAATTTGGTCACTAGGCAT TAGGTCTAAGGGTTTGCTTGAACTCCCTCTAGAGTTGTCCAAATGGGCGGGCTATG TCATCATTTAAGCTGAATCTATCATCCAATCAATAAGGTTTTTCATTATCATGTCAGT GTCTAAATGAGTCATTTTACCGTCTTGTTCACGGCTTCACTTGTGCCTTTGGCAAAT TCAATTCCCTCCTCCAAGGGTTTGAAACCAATTCTCTTGGACGGCCCCTAAACCAA ATCTGCAAAATCCAC